



REMARKS

This paper responds to the Office Action mailed on July 25, 2005.

Claims 2, 3, 6, 7, 10, 13, 17, 21, 24, 27, 30, 33, 38, 41, 44, 47 and 50 are amended, no claims are canceled, and no claims are added; as a result, claims 1-52 remain pending in this application. Figure 7 is amended, and Figures 1-6 and 7-9 are unamended.

CFR 1.121(d) Objection to the Drawings

Figure 7 was objected to under CFR 1.121(d) because reference characters '17' and '19' are not mentioned in the specification. We are now filing an amended replacement drawing sheet for figure 7, in which reference characters '17' and '19' have been deleted. It is thus submitted that the objections raised by the Examiner have been traversed.

Claim Objections

Claims 2, 3, 6, 7, 10, 13, 17, 21, 24, 27, 30, 33, 38, 41, 44, 47 and 50 were objected to, because of informalities. These claims have now been amended in accordance with the Examiner's suggestion of replacing the named gates with their respective logic equations. It is thus submitted that the objections raised by the Examiner have been traversed. These amendments are not made in response to any rejection under the patent act. These amendments only clarify the claims. These amendments do not change the scope of the claims and, thus, the claims remain entitled to a full scope of equivalents.

Allowable Subject Matter

Claims 1, 4, 5, 8, 9, 11, 12, 14-16, 18-20, 22, 23, 25, 26, 28, 29, 31, 32, 34-37, 39, 40, 42, 43, 45, 46, 48 and 49 were allowed.

CONCLUSION

Applicant respectfully submits that the claims are in condition for allowance, and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney at (612) 349-9587 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

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By their Representatives,

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Date

23 Nov. '05

By


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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 23 day of November, 2005.

Name

KATE GANNON

Signature

Kate Gannon

IN THE DRAWINGS

The drawings were objected to because the reference characters "17" and "19" in Figure 7 are not mentioned in the specification. A corrected drawing sheet for Figure 7 is filed herewith. The reference characters "17" and "19" are removed from Figure 7.

